

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
Robert R. Rice and Sami Ali Shakir) Group Art Unit: N/A
Serial No.:)
Filed: December 5, 2003) Examiner: Not Assigned
For: MULTIMODE RAMAN FIBER DEVICE)
WITH MODE DISCRIMINATION)

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. Section 1.56, the Examiner is hereby respectfully advised that the patents and articles listed on the attached PTO-1449 form are known by or have come to the attention of Applicant, and are being submitted herewith for consideration by the Examiner. Copies of these documents are included herewith.

The above described documents are being cited only in the interest of candor and without any admission that they constitute statutory prior art or contain subject matter which anticipates the invention or which would render the same obvious, either singly or in combination with other references, to a person of ordinary skill in the art.

The Commissioner is hereby authorized to charge any fees that may be required by this paper to Deposit Account No. 20-1515. A duplicate copy of this paper is enclosed.

Respectfully submitted,



Connie M. Thousand
Registration No. 43,191

Date: December 4, 2003

Northrop Grumman Space &
Mission Systems Corp.
Space Technology
One Space Park, E1/2041
Redondo Beach, CA 90278
Tele: (310) 813-1550/FAX: (310) 812-2687

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

(Use several sheets if necessary)

Docket Number (Optional)

Application Number

Applicant(s)

Filing Date

12-05-03

Group Art Unit

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.